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MARK E. BROWN
(816) 395-0680
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Reply to Kansas Office

December 12, 2001

via fax 402.222.7458

Lynn Blagg
First Data Corporation
10825 Farnham Drive
Suite C-34
Omaha, NE 68154

RE: Holm-Blagg U.S. Patent Application Serial No. 09/298,521
Method for Defining A Relationship Between An Account And A Group ("Defining")

Dear Lynn:

Enclosed with the confirmation copy of this letter please find copies of an Office Action and the cited references. Please call me at your convenience to discuss responding.

Our response is due February 27, 2002.

Sincerely yours,



MARK E. BROWN

MEB/pab
Enclosure

cc: Ken Algiene (*w/o enclosures; via facsimile*)
Mitch Crain (*w/o enclosures*)



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/298,521	04/23/99	SLAGB	06042-0150

JONES & ASKEW LLP
2400 MONARCH TOWER
3424 PEACHTREE ROAD NE
ATLANTA GA 30326

TM02/0530

EXAMINER	
CALVE, J	
ART UNIT	PAPER NUMBER

2164
DATE MAILED:

05/30/01

Please find below and/or attached an Office communication concerning this application or proceeding.

SCANNED
RECEIVED

Commissioner of Patents and Trademarks

JUN 04 2001

Cited Refs are in
HF



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

Dear Patent and Trademark Office Customer:

The Technical Support Staff of Technology Center 2100 has undertaken continuous quality improvement efforts to ensure that the accompanying correspondence meets high quality standards, and focuses on good customer service. It is important to us that you are satisfied with the services we provide.

If the contents of the attached correspondence has any clerical omissions, e.g., missing references or pages, illegible text, other problems or concerns of this nature which you wish to bring to my attention, please call or fax me as soon as possible. I will take the appropriate action to expedite the necessary corrections.

Verlene D. Green
Head, Supervisory Legal Instruments Examiner
Technology Center 2100
(703) 305-4376

Fax No. (703) 308-9051 or (703) 308-9052

Attention: Policy on Returning Phone Calls

A PTO-wide customer service standard is if a PTO employee being called is not available, they will return your call by the next business day, or, if you request, an alternate point of contact will be provided. Technology Center 2100 is committed to meeting this service standard. If you have called any employee in our Technology Center and have not received a return phone call within one (1) business day or have not been provided another point of contact, please contact the Technology Center at 703-306-5631. We ensure that you will receive a return phone call from an employee with the ability to assist you, within four (4) business hours of this contact. We appreciate your help in assisting us to help you.

Office Action Summary

Application No.
09/298,621

Applicant(s)

BLAGG, Lynn H. et al

Examiner

Jim Celva

Art Unit

2164

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address -

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Apr 23, 1999
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

a) ☐ All b) ☐ Some* c) ☐ None of:

1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892) 19) ☐ Interview Summary (PTO-413) Paper Noted. _____
- 16) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) ☐ Notice of Informal Patent Application (PTO-152)
- 17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper Noted. 4 20) ☐ Other:

Application/Control Number: 09/298,521

Art Unit: 2164

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371 of this title before the invention thereof by the applicant for patent.

2. Claims 1-9 and 11-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Kanter, U.S. patent 5,537,314.

Kanter discloses an account and group relationship defining method, including providing group processing option parameters (e.g., allocation of multi-level credit and /or awards at multiple sponsoring companies) (e.g., column 16, line 37 et seq; column 21, line 44 et seq; column 27, line 5 et seq), defining first and second relationships between first and second accounts and the group to define independent group processing options via selection of parameter sets of defined values for customized dependent strategies (e.g., sponsoring companies of first and second accounts honor awards posted to first and second accounts by other sponsoring companies; award and /or credit for referrals at sponsoring company and/or other sponsoring company locations) (e.g., column 16, line 51 et seq; column 17, line 2 et seq; column 18, line 45 et seq; column 27, line 18 et seq).

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Kanter also discloses grouping the first set of group processing options as a dependent strategy (e.g., award accumulation) (e.g., column 17, line 10 et seq; column 20, line 24 et seq), strategy history (e.g., account numbers, commission redemption) (e.g., column 20, line 50 et seq; column 22, line 7 et seq), modifying the first relationship (e.g., credit value and point conversion) (e.g., column 19, line 1 et seq), authorization option (e.g., credit value) (e.g., column 19, line 29 et seq), liable party (e.g. party to be billed) (e.g., column 20, line 7 et seq), communication option (e.g., billing, wire transfer) (e.g., column 20, line 1 et seq; column 22, line 60 et seq), and reward pooling options (e.g., column 19, line 10 et seq), and modifying the dependent strategies/parameters (e.g., column 27, line 19 et seq), and account history (e.g., column 20, line 50 et seq; column 22, line 7 et seq).

3. Claims 1-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Fleming, U.S. patent 5,953,710.

Fleming discloses an account and group relationship defining method, including first and second accounts and products (e.g., column 3, line 12 et seq; column 3, line 35 et seq; column 5, line 40 et seq; column 7, line 4 et seq), providing selected group processing parameters and values to include first and second relationships between the first and second accounts (e.g., column 3, line 15 et seq; column 3, line 50 et seq; column 6, line 20 et seq; column 7, line 10 et seq), and plural dependent strategies defining customized group relationships (e.g., Figures 2a, 6; column 5, line 50 et seq; column 7, line 25 et seq; column 8, line 42 et seq; column 9, line 48 et seq; column 10, line 55 et seq; column 14, line 45 et seq), and maturing dependent account into key account (e.g., column 16, line 1 et seq).

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Fleming also discloses dependent group processing strategy (e.g., column 11, line 25 et seq; column 13, line 3 et seq), maintaining a strategy history (e.g., column 13, line 60 et seq; column 14, line 1 et seq), modifying the first relationship while maintaining the second relationship (inherently disclosed, e.g., for multiple dependents) (e.g., column 3, line 50 et seq; column 7, line 25 et seq; column 15, line 50 et seq), authorization, liability, communication, and reward options (e.g., column 6, line 20 et seq; column 9, line 12 et seq; column 9, line 55 et seq) maintaining an account history (e.g., column 13, line 60 et seq), modifying group ownership by changing parameters (e.g., column 16, line 1 et seq).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kanter, in view of Dethloff et al, U.S. patent 4,837,422.

Kanter discloses an account and group relationship defining method, including primary owner and cardholder. Kanter does not disclose group ownership modification. Dethloff et al disclose an account and group relationship defining method, including modifying group ownership to obtain a new primary owner and maintaining account history thereof (e.g, active/assign rights to third parties) (e.g, column 4, line 65 et seq; column 5, line 45 et seq; column 6, line 5 et seq)

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and by moving a set of dependent accounts to a second group (e.g., company and family cards) (e.g., column 6, line 54 et seq; column 7, line 37 et seq; column 8, line 5 et seq). Account ownership and modification provide increase the flexibility of use for a financial account among a plurality of users (e.g., column 12, line 65 et seq; column 16, line 22 et seq). It would have been obvious to one of ordinary skill in the art at the time of the invention to provide a means to modify account ownership, as taught by Dethloff et al, on the method of Kanter to provide an improved means of efficiently multi-company and multi-service cards among a plurality of different users over a period of time.

6. Claims 19-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dethloff et al, U.S. patent 4,837,422.

Dethloff et al disclose a dependent account maturing method, including selecting a dependent account and modifying the account's relationship parameter from dependent to key (e.g, active/assign rights to third parties) (e.g, column 4, line 65 et seq; column 5, line 45 et seq; column 6, line 5 et seq) by moving a set of dependent accounts to a second group (e.g., company and family cards) (e.g., column 6, line 54 et seq; column 7, line 37 et seq; column 8, line 5 et seq). To the extent that Dethloff et al could be interpreted not to disclose, inherently or otherwise, dependent account modification, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify dependent account relationships according to the method of Dethloff et al as an way to manage multi-company and multi-service cards among a plurality of different users over a period of time (e.g., column 12, line 65 et seq; column 16, line 22 et seq).

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Dethloff et al also disclose moving a set of dependent accounts to a second group (e.g., company cards) (e.g., column 6, line 54 et seq) and maintaining account histories (e.g., Figure 10; column 14, line 10 et seq).

Conclusion

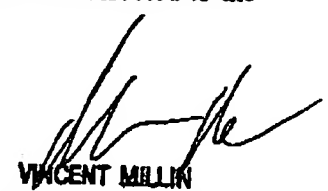
7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Walker et al, U.S. patent 6,128,599.
- b. Gottesman et al, U.S. patent 6,049,782.
- c. Chastain, U.S. patent 6,021,943.
- d. Kalina, U.S. patent 5,970,480.
- e. Foladare et al, U.S. patent 5,914,472.
- f. Rose et al, U.S. patent 5,770,843.
- g. Kashkashian, Jr., U.S. patent 4,700,055.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jim Calve, whose telephone number is (703) 308-1884. Examine can be reached on Monday through Friday from 6:45 am to 6:45 pm. If the examiner is unavailable, the examiner's supervisor, Vincent Millin, may be reached at 703-308-1065. The fax number of the organization is 703-305-9051/9052. Any inquiry of a general nature should be directed to the receptionist at 703-305-3900.

JPC
JPC

May 23, 2001


VINCENT MILLIN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Sheet 1 of 1

FORM PTO-1449, Adapted

LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary)

ATTY. DOCKET NO. 06042-0150	SERIAL NO. 09/298,531	FILING DATE April 23, 1999
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APPLICANT Lynn Holm Blagg and Darvra D. Book	GROUP 2162-2164
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JPC	AA	5,864,830	1/26/99	Armetta et al.			
JPC	AB	4,256,955	3/17/81	Giraud et al.			
JPC	AC	4,900,903	2/13/90	Wright et al.			
JPC	AD	5,155,342	10/13/92	Urano			
JPC	AE	5,500,513	3/19/96	Langhans et al.			
JPC	AF	5,613,012	3/18/97	Hoffman et al.			
JPC	AG	5,614,703	3/25/97	Martin et al.			
JPC	AH	5,914,472	6/22/99	Foladare et al.			
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO
JPC	AL	EP 0 725 376 A2	01/25/96	EP	Sony Corporation		
JPC	AM	EP 0 540 234 A2	10/21/92	EP	American Telephone and Telegraph Company		
	AN						
	AO						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	
AR	
AS	
AT	

EXAMINER <i>Jim Calve</i>	DATE CONSIDERED 5/21/01
------------------------------	----------------------------

EXAMINER: (Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Notice of References Cited	Applicant/Patent BLAGG, Lynn H. et al	Application/Control No. 09/298,521	
	Examiner Jim Calva	Art Unit 2164	Page 1 of 1

U.S. PATENT DOCUMENTS

	Document Number Country Code Number Kind Code	Date MM-YYYY ¹	Name	Classification ²	
A	6,128,688	10/2000	Walker et al	705	14
B	6,021,843	2/2000	Chastain	235	379
C	5,970,480	10/1999	Kalina	705	28
D	5,953,710	9/1999	Fleming	705	39
E	5,914,472	6/1999	Foladare et al	235	380
F	5,770,843	6/1998	Rose et al	235	380
G	5,537,314	7/1998	Kanter	705	14
H	4,837,422	6/1989	Dethloff et al	235	380
I	4,700,085	10/1987	Kashkashian, Jr.	235	379
J	6,049,782	4/2000	Gottasman et al	705	39
K					
L					
M					

FOREIGN PATENT DOCUMENTS

	Document Number Country Code Number Kind Code	Date MM-YYYY ¹	Country	Name	Classification ²	
N						
O						
P						
Q						
R						
S						
T						

NON-PATENT DOCUMENTS

	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
U	
V	
W	
X	

¹ A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a). ² Dates in MM-YYYY format are publication dates. ³ Classifications may be U.S. or foreign.

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 4/23/99 are:

A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. **DRAWINGS.** 37 CFR 1.84(s): Acceptable categories of drawings:
Black ink. Color.
Color drawings are not acceptable until petition is granted.
Fig(s) _____
Pencil and non black ink not permitted. Fig(s) _____
2. **PHOTOGRAPHS.** 37 CFR 1.84 (b)
A full-tone set is required. Fig(s) _____
Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____
Poor quality (half-tone). Fig(s) _____
3. **TYPE OF PAPER.** 37 CFR 1.84(c)
Paper not flexible, strong, white, and durable.
Fig(s) _____
Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____
Thin, vellum paper is not acceptable (too thin). Fig(s) _____
4. **SHEET OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:
A4 by 29.7 cm (DIN size A4)
8 1/2 cm by 27.9 cm (8 1/2 x 11 inches)
Drawing sheets not the same size.
Fig(s) _____
Drawing sheets not an acceptable size. Fig(s) _____
5. **MARGINS.** 37 CFR 1.84(g): Acceptable margins:
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
SIZE: A4 Size
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
SIZE: 8 1/2 x 11
Margins not acceptable. Fig(s) FIG. 1.0 (All) figures
Top (T) _____ Left (L) _____
Right (R) _____ Bottom (B) _____
6. **VIEWS.** 37 CFR 1.84(h)
REVISIONER: Specification may require revision to correspond to drawing changes.
Partial views. 37 CFR 1.84(h)(2)
Brackets needed to show figure as one entity.
Fig(s) _____
Views not labeled separately or properly.
Fig(s) _____
Enlarged view not labeled separately or properly.
Fig(s) _____
7. **SECTIONAL VIEWS.** 37 CFR 1.84 (h)(3)
Hatching not indicated for sectional portions of an object.
Fig(s) _____
Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____
8. **ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)
Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
9. **SCALE.** 37 CFR 1.84(k)
Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.
Fig(s) _____
10. **CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)
Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).
Fig(s) _____
11. **SHADING.** 37 CFR 1.84(m)
Solid black areas pale. Fig(s) _____
Solid black shading not permitted. Fig(s) _____
Shade lines, pale, rough and blurred. Fig(s) _____
12. **NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)
Numbers and reference characters not plain and legible.
Fig(s) 11
Figure legends are poor. Fig(s) 11
Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
Fig(s) _____
English alphabet not used. 37 CFR 1.84(p)(2)
Fig(s) _____
Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
Fig(s) _____
13. **LEAD LINES.** 37 CFR 1.84(e)
Lead lines cross each other. Fig(s) _____
Lead lines missing. Fig(s) _____
14. **NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(i)
Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
15. **NUMBERING OF VIEWS.** 37 CFR 1.84(u)
Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
16. **CORRECTIONS.** 37 CFR 1.84(w)
Corrections not made from prior PTO-048 dated _____
17. **DESIGN DRAWINGS.** 37 CFR 1.152
Surface shading shown not appropriate. Fig(s) _____
Solid black shading not used for color contrast.
Fig(s) _____

COMMENTS

- 1. DRAWINGS. 37 CFR 1.84(a):** Acceptable categories of drawings:
 Black ink. Color.
 Color drawings are not acceptable until petition is granted.
 Fig(s) _____
 Pencil and non black ink not permitted. Fig(s) _____
- 2. PHOTOGRAPHS. 37 CFR 1.84 (b)**
 Half-tone set is required. Fig(s) _____
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____
 Poor quality (half-tone). Fig(s) _____
- 3. TYPE OF PAPER. 37 CFR 1.84(c)**
 Paper not flexible, strong, white, and durable.
 Fig(s) _____
 Erasures, alterations, overwritings, interlinations, folds, copy machine marks not accepted. Fig(s) _____
 Glass, vellum paper is not acceptable (too thin).
 Fig(s) _____
- 4. SIZE OF PAPER. 37 CFR 1.84(f):** Acceptable sizes:
 21.0 cm by 29.7 cm (DIN size A4)
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 Drawing sheets not the same size.
 Fig(s) _____
 Drawing sheets not an acceptable size. Fig(s) _____
- 5. MARGINS. 37 CFR 1.84(g):** Acceptable margins:
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: 8 1/2 x 11
 Margins not acceptable. Fig(s) FIG 100 (All)
 Top (T) _____ Left (L) _____
 Right (R) _____ Bottom (B) _____
 Figures
- 6. VIEWS. 37 CFR 1.84(h)**
 Revision: Specification may require revision to correspond to drawing changes.
 Partial views. 37 CFR 1.84(h)(2)
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 Fig(s) _____
 Enlarged view not labeled separately or properly.
 Fig(s) _____
- 7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)**
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 Fig(s) _____
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- 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)**
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- 9. SCALE. 37 CFR 1.84(k)**
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 Fig(s) _____
- 10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)**
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 Fig(s) _____
- 11. SHADING. 37 CFR 1.84(m)**
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 Shade lines, pale, rough and blurred. Fig(s) _____
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 Numbers and reference characters not plain and legible.
 Fig(s) FIG 111
 Figure legends are poor. Fig(s) FIG 111
 Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
 Fig(s) _____
 English alphabet not used. 37 CFR 1.84(p)(2)
 Fig(s) _____
 Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
 Fig(s) _____
- 13. LEAD LINES. 37 CFR 1.84(q)**
 Lead lines cross each other. Fig(s) _____
 Lead lines missing. Fig(s) _____
- 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r)**
 Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
- 15. NUMBERING OF VIEWS. 37 CFR 1.84(u)**
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
- 16. CORRECTIONS. 37 CFR 1.84(w)**
 Corrections not made from prior PTO-948 dated _____
- 17. DESIGN DRAWINGS. 37 CFR 1.152**
 Surface shading shown not appropriate. Fig(s) _____
 Solid black shading not used for color contrast.
 Fig(s) _____

COMMENTS

REVIEWER Foray DATE 8-16-99 TELEPHONE NO. _____ATTACHMENT TO PAPER NO. 6